STATE ROUTE VIEWER (SRVIEW)
# 1.0 USER INSTRUCTIONS

INTRODUCTION

Developed in 1996, SRview 1.0 allows users to view digital images of the entire State Highway system on their computer. These images are captured from the video log for every 0.01 mile and can be displayed in both directions of the highway. The view displayed is what the "driver" would typically see as they proceed along the road. SRview is used by department staff to conduct preliminary field reviews of project sites and to assist in determining the correct location of traffic accidents.

INTENDED AUDIENCE

The following instructions are for new SRview users with the assumption that SRview 1.0 workstation version has been installed on the user's PC and a desktop shortcut exists. If SRview 1.0 workstation has not been installed on your PC, contact your information technology help desk.

LAUNCHING SRVIEW

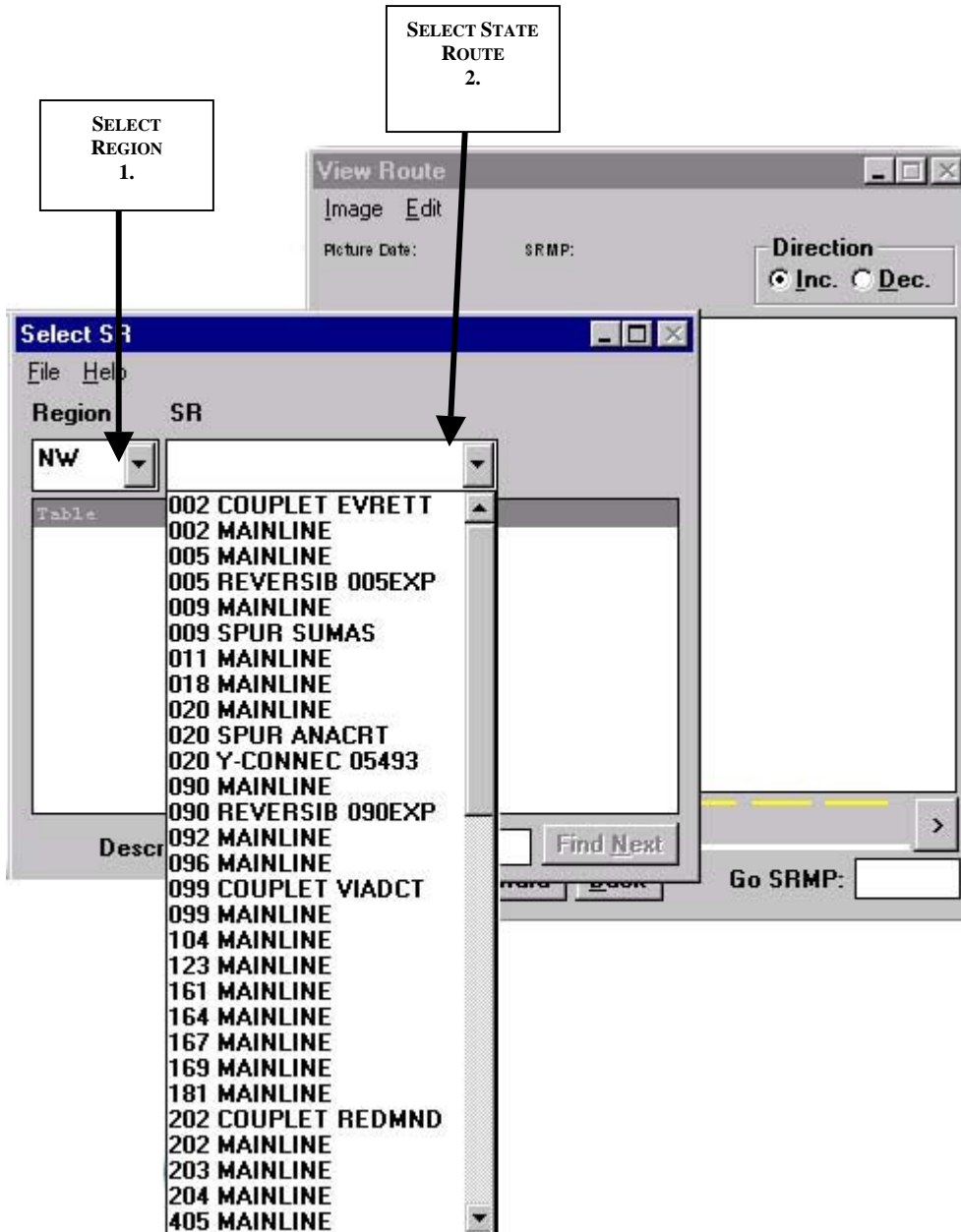To launch SRview, double click the SRview icon on your desktop.

SRVIEW ICON
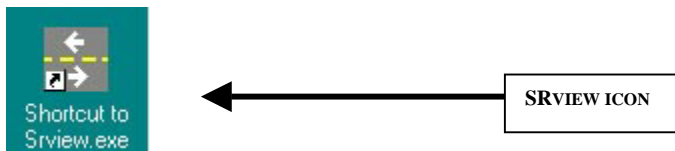
SRview will launch the following windows:

THE SELECT SR WINDOW

At the **SELECT SR** Window, select the region to access the required road footage:

1. Click on the **DROPDOWN ARROW** in the **REGION** box and click on a region.
   (If uncertain of the region, select the "State" option as the region.
   Selecting "State" will allow state route options not limited to a single region.)
2. Click on the **DROPDOWN ARROW** in the **SR** box to select the appropriate
   state route.

SELECT STATE ROUTE 2.

SELECT REGION 1.

View Route

Image Edit

Picture Date: SRMP:

Direction
⊙ Inc. ○ Dec.

Select SR

File Help

Region   SR

NW

Table

002 COUPLET EVRETT
002 MAINLINE
005 MAINLINE
005 REVERSIB 005EXP
009 MAINLINE
009 SPUR SUMAS
011 MAINLINE
018 MAINLINE
020 MAINLINE
020 SPUR ANACRT
020 Y-CONNEC 05493
090 MAINLINE
090 REVERSIB 090EXP
092 MAINLINE
096 MAINLINE
099 COUPLET VIADCT
099 MAINLINE
104 MAINLINE
123 MAINLINE
161 MAINLINE
164 MAINLINE
167 MAINLINE
169 MAINLINE
181 MAINLINE
202 COUPLET REDMND
202 MAINLINE
203 MAINLINE
204 MAINLINE
405 MAINLINE

Descr

Find Next

Go SRMP:

For this example, NW is selected as the Region and 410 Mainline is selected as the State Route.

3. Click on a specific State Route Milepost in the first column of the **SELECT SR** window. (Example below has SRMP 49.00 on SR 410 as the selected option.)

SELECT SRMP IN THIS COLUMN 3.
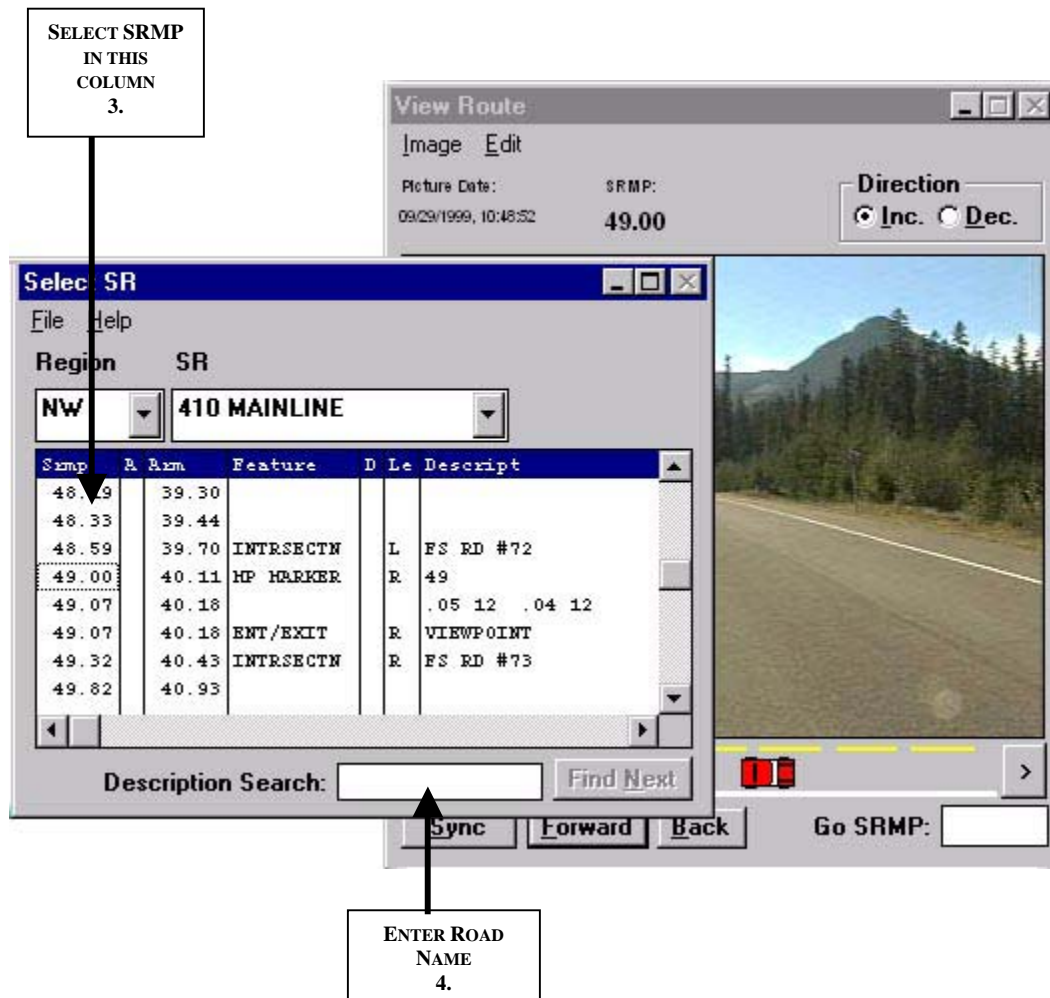
ENTER ROAD NAME 4.

4. If the milepost is unknown, enter the road name in the **DESCRIPTION SEARCH** box and press **ENTER.**

The **DESCRIPTION SEARCH** box searches all descriptions for content *exactly* matching or containing the entered or typed search parameters.

The **HIGHWAY LOG** of the selected state route will appear at the bottom of the **SELECT SR** window. The **HIGHWAY LOG,** in SRview**,** has seven columns: Srmp, Ab_Ind, Arm, Feature, Direction, Left_Right, and Descript. (By widening the columns, the entire heading of each column will be visible.) The table below explains the highway log columns in more detail.

|	
SRMP	State Route Milepost – sequential number, in designated direction of travel, of 1/100 mile increments along a State Route.
Ab_Ind (A)	Indicates whether the milepost value is the 'back' duplicate of a milepost value 'ahead' on the route. Ahead values have an implied "A" (blank).
Arm	The route mile accumulated from the beginning of a State Route in the direction of the roadway.
Feature	Feature of the road at the corresponding milepost.
Direction (D)	Direction to inventory (I=Increasing; D=Decreasing; and B=Both)
Left_Right (Le)	Left/Right indicator showing location of feature in relation to increasing direction of roadway.
Descript	Description of Feature

THE VIEW ROUTE WINDOW

After clicking on a State Route Milepost, an image is visible in the **VIEW ROUTE** window. This image is based on the milepost selected. There is a **DIRECTION** box in the top right corner of the **VIEW ROUTE** window that provides the choice of increasing mileposts (e.g. 139.51-145.51) or decreasing mileposts (e.g. 139.51-130.51).

5. Click on the `Inc.` or `Dec.` button in the **DIRECTION** box to change the direction of travel. The `Inc.` button is selected by default as demonstrated in the example below.

| SELECT DIRECTION BY CLICKING HERE 5. |

| ENTER MILEPOST NUMBER 6. |
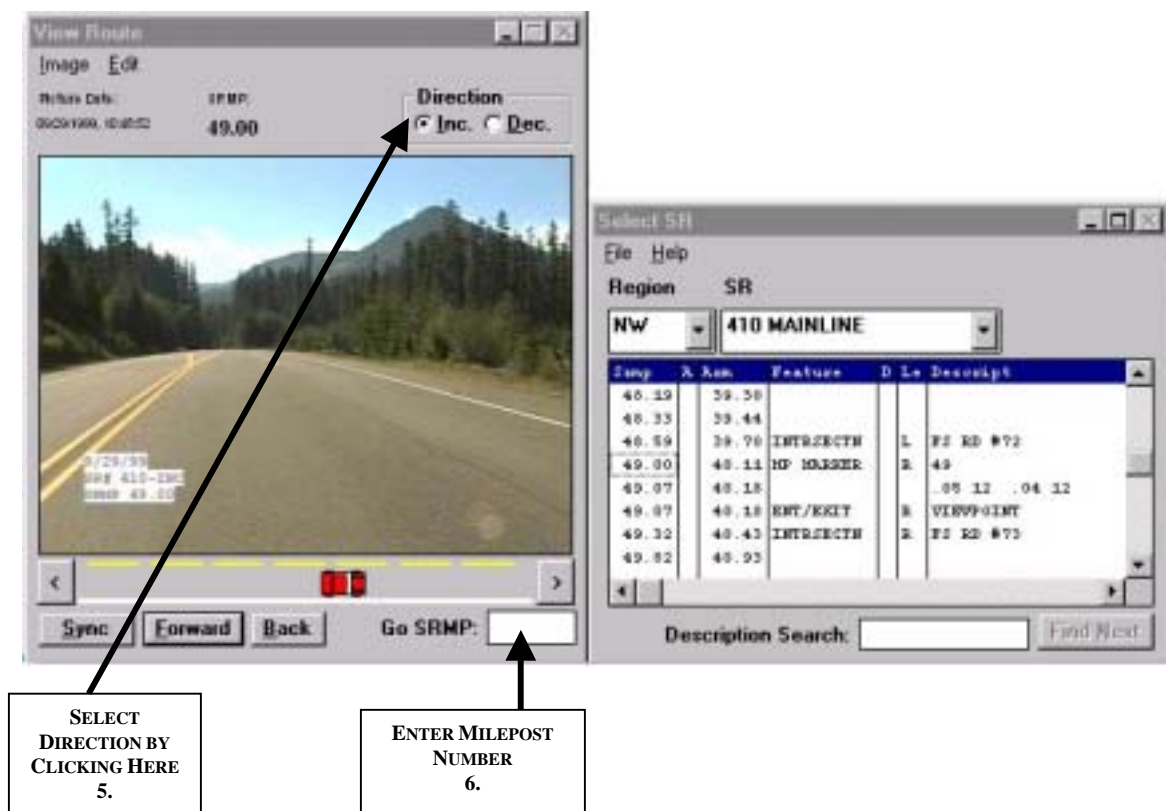
6. Enter the milepost number (e.g. 170.51) in the **GO SRMP:** box and press **ENTER** to jump to a specific milepost.

To begin viewing the selected road milepost:

7. Click the **RIGHT** `>` or **LEFT** `<` **ARROW** at the bottom of the **VIEW ROUTE** window. This feature will move forward or backwards 1/100th of a mile.

8. The `Forward` and `Back` buttons at the bottom of the **VIEW ROUTE** window allow video-like viewing of the selected route with a single click.
    - To watch video of the selected route the way the "driver" would typically see it, click on the `Forward` button.
    - To watch video of the selected route in reverse, click the `Back` button.

9. When the video is stopped, click the **ANIMATED ROAD** or drag the **ANIMATED CAR** at the bottom of the **VIEW ROUTE** window to increase or decrease the milepost viewed.

For example, if `Inc.` is selected in the **DIRECTION** box, clicking or dragging (by holding down the left mouse button) to the right of the **ANIMATED CAR** on the **ANIMATED ROAD** will increase the milepost. Clicking or dragging to the left of the **ANIMATED CAR** on the **ANIMATED ROAD** will decrease the milepost. The **ANIMATED CAR** will move in relation to where the **ANIMATED ROAD** is clicked.


CLICK THE RIGHT OR LEFT ARROW 7.

CLICK THE FORWARD OR BACK BUTTON 8.

CLICK THE ANIMATED ROAD OR DRAG THE ANIMATED CAR 9.
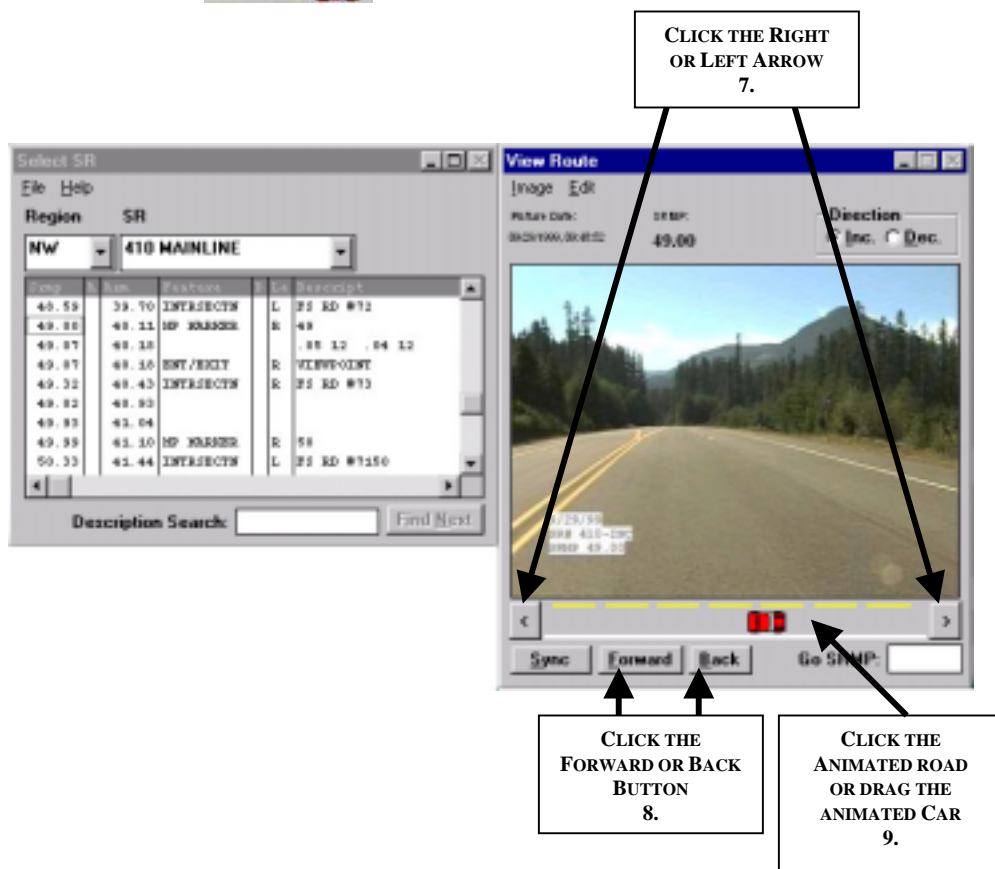
THE FRAME JUMP WINDOW

After clicking the `Forward` or `Back` button, the **FRAME JUMP** dialog box appears, and the **VIEW ROUTE** Window changes.

SRview uses digital images captured every .01 mile and displays these digital images one frame at a time. To the user, the images are displayed so quickly they appear to be a video. By default, when using SRview, frames are .01 mile apart.

> 10. Click on a different **JUMP FACTOR** radio button to increase the distance between each frame. For example, if .04 is clicked in the **FRAME JUMP** dialog box, the video will display images captured every .04 mile one frame at a time.


CLICK ON A JUMP FACTOR RADIO BUTTON 10.
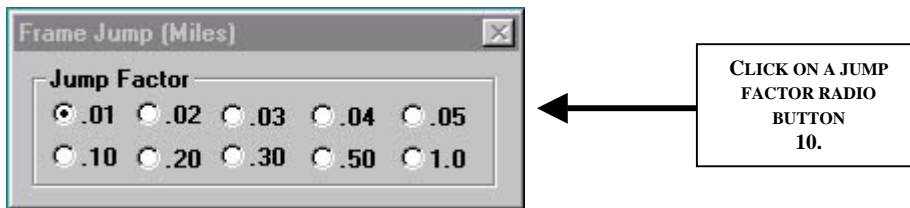
When viewing SRview video:

> 11. Click the `Stop` Button at the bottom of the **VIEW ROUTE** Window to stop the video at any time.


CLICK ON STOP BUTTON 11.

SYNCHRONIZING THE HIGHWAY LOG

12. When the video is stopped, click the **Sync** button to resynchronize the Highway Log in the **SELECT SR** window**.** The Highway Log in the **SELECT SR** window will display the SRMP of where the video was started unless told otherwise.

13. When the **Sync** button is clicked, the Highway Log in the **SELECT SR** window displays the current SRMP shown in the View Route window. Below is an example of the SRview windows after the **Sync** button is clicked at SRMP 48.19.

RE-SYNCHED HIGHWAY LOG 13.

SYNC BUTTON 12.
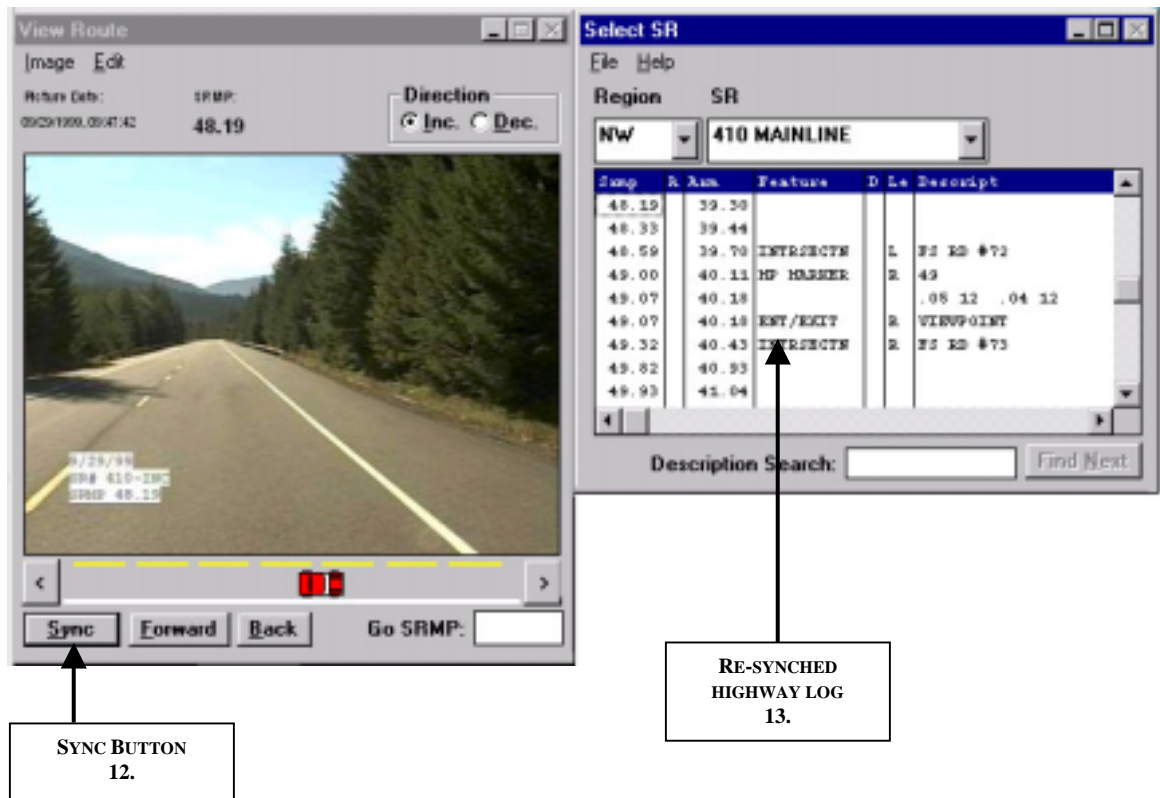
EXITING SRVIEW

14. To exit out of SRview, click on **FILE** from the menu bar in the **SELECT SR** window and click **EXIT**.

FILE DROPDOWN MENU
14.
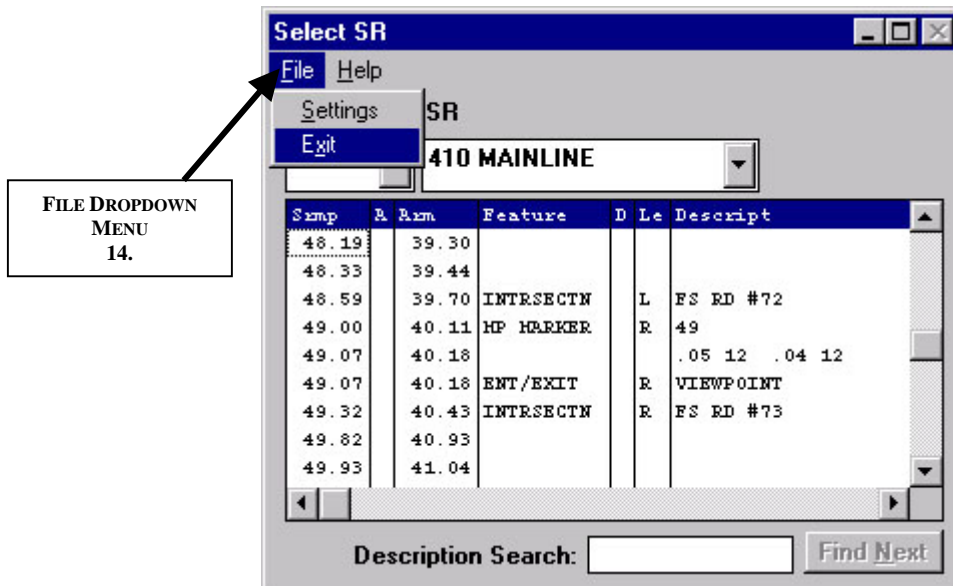
MORE ABOUT SRVIEW

Internet access is required to access any of the following links:

- **Order SRview**
- **SRview 1.0 (.PDF Format)**
- **SRview Disclaimer**
- **SRview Training Viewlet**

For questions or comments regarding SRview, please **Email SRview support** or call by phone at (360) 570-2401.

SRVIEW 1.0 ADDITIONAL FEATURES

Change Settings
To change settings, click on top of the Select SR window where it says **File** and then drop down and click on **Settings**. A dialog box containing the Data Path will appear.
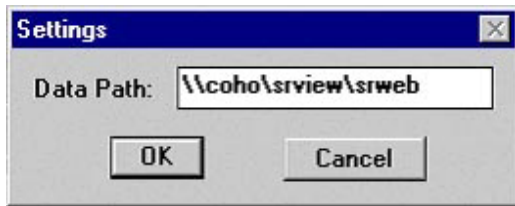
If the location of the database or images changes, enter the new path in the **DATA PATH** text box. Currently WSDOT points to the NT share where this data resides.

Note: If a drive is mapped instead of using the UNC path, be sure to root the drive letter just above the data directories. Then, when entering the path in the **PATH** box, type only the drive letter and a colon (E:).

Copying
To copy an image, click on the top of the View Route window where it says **Edit** and then drop down and click on **Copy to clipboard**. This will copy the current image to the Windows Clipboard. From the Clipboard, you can then paste the image to any Windows application that accepts bitmap images.

Email
To Email an image, click on top of the View Route window where it says **Image** and then drop down and click on **Send via E-Mail**. This will open a compose Email window with the current image attached.

Printing
To print an image, click on the top of the View Route window where it says **Image** and then drop down and click on **Print**. Clicking **Printer Setup** under the Image menu will allow you to select a printer to print to.

Saving
To save an image click on the top of the View Route window where it says **Image** and then drop down and click on **Save As**. The image will save as a .JPG image by default.